



**Fermilab** Friends for Science Education

Reaching Out to Bring Science to Teachers, Students and Families



**Make a Difference – Explore the FFSE News**

## **FERMILAB FRIENDS FOR SCIENCE EDUCATION (FFSE) – February 2016**

*Fermilab Friends for Science Education supports innovative science education programs at Fermilab. Its mission is to:*

- Enhance the quality of precollege science education in public and private schools.
- Encourage young people to pursue careers in science and engineering.
- Promote a broader public awareness and understanding of science.

### **PLAN TO ATTEND THESE FFSE SUPPORTED EVENTS**

April 20, 2016 – STEM Career Expo

May 17, 2016 – FFSE Annual Program and Meeting

June 12, 2016 – Outdoor Family Fair

December 2016, Member Tour – Stay tuned.

**FFSE SCHOLARSHIP PROGRAM** – <http://ed.fnal.gov/scholarships>

### ***HURRY! HURRY!***

Online applications **close** March 1, 2016. Recipients will be notified by March 31, 2016. Remind your colleagues and friends about these opportunities! Family Science Adventure scholarships can be a great opportunity for young scientists who may not have the means to enjoy enrichment classes in science. Scholarships include:

- Teacher Workshops – held during summer 2016.
- Field Trip Bus Reimbursement – taken during the school year 2016-2017.
- Family Science Adventures – held between June 1, 2016, and May 31, 2017.

**FFSE Member Profile – Anna Zuccarini** – <http://ed.fnal.gov/ffse/about/featured-members/Anna-Zuccarini.pdf>

Meet Fermilab Friends for Science Education member Anna Zuccarini. Longtime FFSE member and science educator in Naperville District #204, Anna credits Fermilab programs and the ongoing support of FFSE for becoming the teacher she is today. Learn more about Anna and the tremendous influence Fermilab had on her career. Anna, thank you for your membership in FFSE!

### **FERMILAB EDUCATION OFFICE**

Visit the Education Office website at <http://ed.fnal.gov>. Check out *Quick Links* to Programs and Teacher Workshops, including the Summer Institutes. Use the *Educators* tab or follow the links to options.

Teachers, plan your summer now to include Fermilab Education Office [workshops for K-8 teachers](#) and [summer institutes for high school teachers](#).

**Winter/Spring Science Adventures** – <http://ed.fnal.gov/sciadv>

Winter doldrums? Not enough snow? Too much rain? Grey and damp outside? Tired of reminding the children that it's OK to step away from the screen and move/think/play? Science Adventures provide a myriad of educational, engaging, FUN options. These informal classes for students in grades PreK–8 continue on Saturday throughout the school year. Follow the Science Adventures link for a listing of current classes. You will be glad you did!

Learning about Science Adventures is easier than ever! You may sort programs by audience, grade level, and topic. Find

just what your child/student will enjoy at a world-class laboratory.

Teachers, are you interested in being a Science Adventures instructor? Contact [Susan Dahl, sdahl@fnal.gov](mailto:sdahl@fnal.gov).

### **WONDERS OF SCIENCE**

April 17, 2016, 1:00 PM – <http://ed.fnal.gov/events/wos/>

When was the last time you came to a Wonders of Science day with your family or students? This fast-paced series of demonstrations on chemical and physical phenomena will involve you and your young scientists mentally and, at times, physically! Each family or teacher with at least one child will receive a kit of materials on the topic of astronomy that will enable you to continue your explorations at home or in the classroom.

Join the FUN and bring your friends.

### **FERMILAB NEWS AND COMMUNITY EVENTS**

Check the Fermilab website regularly for breaking news and community events. A virtual tour is available on the About Us page at <http://www.fnal.gov>.

*Symmetry Magazine* carries fascinating stories about particle physics, dark matter and energy and many topics of interest to the entire family. It is available online. Check out sources of radiation in your kitchen— and why you need not panic. You may never look at a banana in quite the same way again. <http://www.symmetrismagazine.org/article/this-radioactive-life>

**And even more FFSE OPPORTUNITIES! Did you know that . . .?**

- You can donate to FFSE online right NOW at <http://ed.fnal.gov/ffse/support-us/index.shtml>?
- FFSE owns a van that allows Fermilab scientists to visit schools to offer classroom presentations?
- The FFSE Online Store offers great merchandise? Choose a Fermilab logo item including an amazing puzzle of the Muon g-2, glassware, attire or more. Check it out at <http://ed.fnal.gov/ffse/store/>.

### **SAVE THESE DATES**

**March 1, 2016 – FFSE Program Scholarship Application Deadline**

**April 17, 2016 – Wonders of Science Show**

**April 20, 2016 – STEM Career Expo**

**June 12, 2016 – Outdoor Fair**

***Spring 2016 – SEE YOU SOON AT AN FFSE MEMBER EVENT!***